IV. *Obſervations on the* Weather, *in a Voyage to* Hudſon's Bay *in* North-America, *in the Year* 1730, *by Mr.* Chriſtopher Middleton. *Communicated by the ſame.*

D.	M.	Barom. Altitud.	Therm. Altitud.	Lat. North.		Long. Weſt.		Variat. Weſt.		Obſ.	Wind.	Weather.
June	4	27	25	59°	12′	4°	44	17°	00	Obſ.	S W.	Cloſe.
	5	22	25	59	38	5	11	16	00	Obſ.	S W to N W.	Rain, and ſtormy Winds.
	6	21	24	59	58	5	57	17	00		W S W.	Rain, and freſh Gales.
	7	22	23	59	22	7	06	17	20		N W to S S W.	Rain and ſqually, with Fogs.
	8	22	22	59	38	8	39	18	00	Obſ.	S W to S E.	Much Rain all Night, fair at Noon.
	9	23	22	59	54	8	47	18	00		N E.	Very cloudy.
	10	20	22	59	14	10	14	18	00		North.	Firſt Part ſqually, latter fair.
	11	22	22	58	35	11	23	18	00		N W.	Squally with Rain.
	12	22	25	57	21	12	20	18	00		N W.	Cloudy, with ſmall Rain.
	13	22	24	56	31	13	13	18	00		N W.	Squally.
	14	25	25	56	00	14	22	18	00		N W to S.	Firſt Part ſqually, latter hazy.
	15	24	25	55	53	17	02	18	00	Obſ.	E to N.	Squally, and freſh Gales.
	16	20	23	55	42	18	16	18	00		N E to S W.	Cloudy.
	17	19	23	56	21	18	47	18	00		S W to N W.	Rain and ſtormy.
	18	18	22	55	22	19	34	18	30		N W.	Squally, with Rain.
	19	20	23	55	42	21	14	19	00		NNE to WbS.	Cloudy with Rain, uncertain.
	20	21	24	56	51	21	31	19	30		N W.	Freſh Gales, and foggy.
	21	21	24	57	23	21	54	20	00		WNW to WbS.	An hard Rain, and ſtormy.
	22	21	24	57	00	22	01	20	00		N E to W.	Hard Gales for the moſt Part.
	23	21	24	57	56	23	52	21	00		W S W.	Freſh Gales, but cloudy.
	24	23	24	58	16	24	09	22	00		W to WNW.	Hard Gales, cloudy.
	25	24	23	57	40	24	38	22	00	Obſ.	WNW to SW.	Cloudy, little Wind.
	26	23	23	57	57	25	33	22	00		S W.	Little Wind, and foggy.
	27	22	22	58	47	28	25	23	00		S W to W.	Foggy, and ſqually.
	28	23	22	58	39	29	31	23	00		W to NNW.	Freſh Gales, Rain.
	29	24	21	58	28	29	45	23	20		N W to W.	Moderate and calm.
	30	25	22	58	00	30	38	24	00		W to S W.	Moderate, cloudy.
July	1	22	22	58	25	31	29	24	00	Obſ.	W S W.	Moderate and clear.
	2	20	22	59	13	32	54	25	00		S W to W.	Frequent Squalls, ſome Rain.
	3	24	21	59	03	33	14	25	00	Obſ.	W N W.	Moderate and cloudy.
	4	25	22	58	54	33	30	25	00		W N W.	Fair, ſometimes calm.
	5	20	22	58	43	35	44	26	00	Obſ.	S S E.	Sometimes calm. Fair.
	6	20	22	58	26	37	25	26	30		S S E to W.	Stormy, and Rain.
	7	21	20	58	06	39	30	27	30	Obſ.	WNW to SE.	Moderate. Little Wind.
	8	22	20	58	03	42	38	27	00		S to S W.	Foggy.
	9	24	22	57	34	43	23	27	00		N N W.	Foggy. Little Wind.
	10	24	24	57	43	45	25	27	00	Obſ.	N N W.	Freſh Gales and clear.
	11	28	28	58	11	46	47	27	00		WbS to NNW	Cloudy, with ſmall Rain.
	12	29	26	57	34	48	17	28	00	Obſ.	NNW to SSW.	Fair.
	13	29	26	58	00	50	48	29	00		S W.	Hazy.

D.	M.	Barom. Altitud.	Therm. Altitud.	Lat. North.	Long. West.	Variat. West.	Obſ.	Wind.	Weather.
July	14	28	26	58° 53′	53° 20′	31° 00′		SW to W b S.	A thick Fog.
	15	33	35	58 56	55 18	32 00		WNW to NW.	Small Rain, and ſqually.
	16	38	37	59 06	55 33	34 00		N b W to NW.	Several Iſles of Ice.
	17	40	38	58 50	56 04	35 00		N N W.	Fair and clear. Very cold.
	18	41	39	58 53	56 43	37 00	Obſ.	N W to WSW.	Very cold. Much Ice.
	19	40	38	59 45	58 03	36 00	Obſ.	NW to WSW.	Fair and clear.
	20	40	38	60 01	58 27	37 00		N N W.	Fair and moderate.
	21	42	38	59 51	59 59	37 00		NNW to SEb S.	Fair.
	22	43	38	61 16	62 09	38 00		S S E.	Hazy.
	23	43	39	61 50	63 34	40 00		S E.	In *Hudſon's Streights.*
	24	42	38	62 11	72 32	42 00	Obſ.	S E.	Foggy.
	25	40	35	63 11	76 22	40 00		S E.	Rainy and cold.
	26	41	37	63 12	78 04	40 00	Obſ.	S E.	Little Wind, and clear.
	27	39	39	63 09	78 43	42 00		Eaſt.	Little Winds, ſometimes calm.
	28	37	38	62 10	81 12	40 00		S E to Wb N.	Squally, with much Rain.
	29	35	37	60 49	82 21	36 00		Wb N to NE.	Gentle Rain. A freſh Gale.
	30	38	36	58 24	84 09	33 00		N to N N W.	Much Ice all round.
	31	40	38	56 51	84 27	28 00		N W.	Fair and clear. Ice ſtill.
Aug.	1	43	39	56 15	83 46	24 00	Obſ.	NW to WSW.	Fair. Ice as before.
	2	42	38	56 20	84 16	24 00	Obſ.	S b W.	Mercy. incloſed in Ice. Fair.
	3	40	38	56 27	83 44	24 00		South.	Still in Ice. Freſh Gales.
	4	38	36	56 20	83 01	24 00		S W.	Foggy, and much Ice.
	5	38	35	56 15	83 24	24 00		E S E.	Much Rain, and foggy.
	6	40	37	56 00	82 46	24 00		W S W.	Fair and moderate.
	7	40	39	55 08	82 43	24 00		E N E.	Lightning with ſome Rain.
	8	38	36	55 11	82 43	24 00		N to N N W.	Fog. Freſh Gales. Jambed in Ice.
	9	38	36	55 16	82 43	24 00		N N W.	Froſt and calm.
	10	34	31	55 22	82 40	24 00		South.	Fair and pleaſant.
	11	34	32	55 11	84 20	24 00		S W to N W.	Moderate.
	12	31	30	55 06	84 36	24 00		NNW to SbE.	Moderate and fair.
	13	27	30	55 15	84 52	24 00		S to S S W.	A freſh Gale. Much Ice.
	14	26	30	55 20	84 34	24 00		S b W.	Hard Gale. Thunder and Rain.
	15	26	27	54 44	84 34	24 00		WNW to NW.	Freſh Gales. In Ice.
	16	29	27	54 28	84 34	24 00		N W to N.	Moderate and fair.
	17	26	27	53 54	84 56	24 00		N E to S b E.	Clear of Ice. Fair.
	18	25	25	53 56	84 58	24 00		WbN to WSW	A freſh Gale. Clear of Ice.
	19	25	24	53 44	84 57	24 00		WSW to WbN	Moderate and fair.
	20	28	26	53 09	85 00	24 00		WbS to SEbS.	Moderate and fair.
	21	28	25	52 31	85 30	23 00	Obſ.	E to N E.	Moderate.

In ALBANY *Road.*

22	27	25	50° 29′	85° 20′	23° 00′		N W to S E.	Moderate and fair.
23	26	22					S. W.	Dry. Somewhat cloudy.
24	26	21					W N W.	Mercy. at a Stand.

The Time I was [illegible] not obſerved. From ALBANY.

Sept. 2	25	20	53° 56′	[illegible]			S S W.	Hazy, but ſmall Gales.

Sept.

From the BEAR Islands.

D.	M.	Barom. Altitud.	Therm. Altitud.	Lat. North.	Long. West.	Variat. West.	Obſ.	Wind.	Weather.
Sept.	3	35	32	54° 22′	0° 7′W	24° 00′		SW to NEbN.	Mercy. ſuddenly falls to freezing.
	4	40	37	55 45	0 49W	25 00		NNE to WSW	Hard Froſt. Fair.
	5	37	36	56 35	2 26W	26 00		E b N to NE.	Cold Air. Squally, and foggy.
	6	37	35	56 57	3 04W	26 00		N E.	A wet Fog.
	7	37	34	56 45	1 22W	26 00		N E.	Moderate Gales.
	8	38	36	57 06	3 26W	26 00		N E b N.	Freſh Gales.
	9	36	36	58 08	3 02W	28 00		N b E to W.	Foggy.
	10	36	38	60 25	2 02W	33 00		WSW to NWbN	Freſh Gales. Wet Fog.
	11	35	38	61 49	0 42 E	38 00		NbW to NbE.	Moderate, but cold Air.
	12	34	37	62 33	0 51 E	42 00	Obſ.	NbE to NNW.	Freſh Gales, ſqually, with Rain.
				From DIGGS.					
	13	33	34	63° 20′	1° 20′E	43° 00′	Obſ.	All round.	Sometimes calm.
	14	32	35	63 03	2 34 E	40 00		SbE to NNW.	Squalls, Showers of Snow and Hail.
	15	32	36	62 09	9 19 E	42 00		NW to NNW.	Stormy, frequent Showers of Snow.
				From BUTTON's Islands.					
	16	31	35	51° 10′	0° 29′E	39° 00′		NbW to NNW	Many Iſles of Ice and Snow.
	17	30	34	60 35	6 09	34 00		N W to N.	Freſh Gales, and frequent Squalls.
	18	30	34	58 52	10 39	34 00		NNW to NNE	Squally, with Showers of Snow.
	19	30	35	57 54	14 06	32 00		N W.	Squally, with Hail.
	20	30	34	57 28	16 15	30 00		N W to S b W.	Squally, with Hail and Rain.
	21	31	33	57 38	18 24	28 00		S b W to W S W.	Hard Squalls, ſome Rain.
	22	30	35	56 19	22 27	25 00		W S W to N W.	Stormy, with ſome Hail.
	23	30	36	54 46	27 43	22 30		N W.	An hard Storm, with Hail.
	24	29	36	53 28	32 28	21 00		W N W to S S W	High Winds, with Hail.
	25	31	35	53 34	35 16	19 00		S to W S W.	A Storm. Wind and Rain.
	26	33	34	52 46	36 27	18 00		W to S W.	More moderate. Freſh Gales, Rain.
	27	33	34	52 41	39 11	17 00		S S W to N W.	Squalls of Rain.
	28	32	34	50 35	42 10	16 00		N. to W b S.	Frequent Showers of Rain.
	29	30	33	50 41	46 23	15 00		S W b W to S S W.	Very ſqually, with Lightning.
	30	32	32	50 07	49 09	14 00		S W.	An hard Gale, with Rain.
Oct.	1	35	31	49 26	51 57	14 00		S W to N N W.	More moderate and fair.
	2	30	33	49 30	53 45	14 00		N E.	Moderate and fair. Little Wind.
	3	25	30	49 56	54 34	13 00		S E.	Freſh Gales, with Rain.
	4	25	30	49 19	54 10	13 00		S to E.	A Storm. Wind and Rain.
	5	25	29	49 47	53 50	13 00		E b S.	An hard Storm, with Rain.
	6	29	28	50 10	53 26	13 00		E S E.	Stormy, with Thunder. [Rain.
	7	31	27	49 58	53 48	13 00		Eaſt.	More moderate. Cloudy. Some
	8	32	29	49 21	55 19	13 00		E to S S W.	Foggy, with ſome Rain.
	9	32	30	49 45	58 49	13 00		W S W to S b W.	Freſh Gales, with Rain.
	10	33	28	49 56	61 37	13 00	Obſ.	S to S S W.	Fair & moderate for the moſt Part. Off *Plymouth*.

These Obſervations were made by Mr. *John Patrick*'s new Quickſilver Marine Barometer.

Note, The Altitude of the Spirits in the Barometer and Thermometer were taken at Noon.

The Account of Wind and Weather at Sea is from Noon to Noon.